### Exhibits to Accompany Briefing on Retail Sales Tax Structure for Nebraska Tax Modernization Committee

Ву

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Exhibit 1. Retail Sales Tax Pyramiding: Typical v. Ideal (Static Analysis)

		Sales by:					
Sales to:	Computer Manufacturer	Appliance Manufacturer	Appliance Retailer	Typical*	Ideal**		
Appliance manufacturer				•			
Computers used in production line	50,000			_	,		
Computers used in administration	150,000			8,250			
Appliance retailer Computers used in administration	. 10,000	000 000		550	 		
Appliances Household consumers Total sales tax paid		800,000	1,000,000	55,000 63,800 6.38%	55,000 55,000 5.5%		
Effective tax rate paid			1 in direct product				

<sup>\*</sup>Typical: Exemption of business purchases of inventory and equipment used in direct production process

#### Exhibit 2. Illustration of Sales Tax Pyramiding: Dynamic Analysis of Sales Taxation in Supply Chain

(5.5% statutory rate) (NT: not taxed; T: taxed)

#### Appliance Manufacturer purchases inputs and builds product:

a. Component parts (NT): \$100,000

b. Production line equipment (NT): \$50,000

- c. Fixtures, fuels and electricity not used in production, etc. (T): \$30,000 + .055(30,000) = 30,000 + 1,650 = \$31,650
- d. Labor, rent, interest (NT): \$50,000

e. Profit (NT): \$5,000

f. Sales by Manufacturer: \$236,650 (a+b+c+d+e)

g. Sales tax paid by manufacturer: \$1,650

#### Distributor buys finished goods and sells to retailer:

a. Inventory purchased from Manufacturer (NT): \$236,650

b. Fixtures, fuels, electricity, computers (T): \$80,000 + .055 (80,000) = 80,000 + 4,400 = \$84,400

c. Labor, rent, interest(NT): \$125,000

d. Profit (NT): \$26,000

e. Sales by Distributor: \$472,050 (a+b+c+d)

f. Sales tax paid by distributor: \$4,400

#### Retailer buys from distributor and sells to households:

a. Inventory purchased from distributor (NT): \$472,050

b. Fixtures, furnishings, fuels, electricity, cash registers, etc.: \$325,000 + 0.055 (325,000) = 325,000 + 17,875 = \$342,875

c. Labor, rent, interest (NT): \$75,000

d. Profit (NT): \$35,000

e. Sales by Retailer to Household: 924,925 + 0.055(924,925) = 924,925 + 50,871 = \$975,796

f. Sales tax collected by retailer: \$50,871

g. Sales tax paid by retailer: \$17,875

TOTAL SALES TAX RECEIVED BY STATE: 1,650 + 4,400 + 17,875 + 50,871 = \$74,796

Rate on List Price: 74,796 / 924,925 = 8.09%

Rate on Product Value: 74,796 / 900,000 = 8.31%

Exhibit 3. Business Purchases Percentage of Total Sales Tax Revenue, 2003 – 2010

	2003	2004	2005	2006	2007			2010
4.T. 4.T. 4.D. 4.D. 4.A.		31.14%	31.13%	31.22%	34.79%			33.48%
ALABAMA		42.34%	41.27%	45.56%	40.57%	38.42%		49.88%
ARIZONA	32.50%	31.78%	30.05%	30.57%	34.31%	32.29%		28.31%
ARKANSAS	45.10%	42.74%	41.97%	50.81%	45.58%	47.94%		44.92%
CALIFORNIA		50.41%	50.10%	49.99%	51.31%	49.43%	46.10%	48.05%
COLORADO	49.40%	47.97%	48.96%	49.33%	49.50%	45.12%	45.59%	47.69%
CONNECTICUT	49.50%		34.36%	35.04%	32.65%	33.26%	32.02%	34.41%
FLORIDA ·	33.90%	33.90%	49.58%	43.19%	43.50%	42.98%	44.86%	44.39%
GEORGIA	43.50%	49.29%	32.76%	33.97%	31.28%	34.36%	32.50%	34.54%
HAWAII	32.20%	31.57%		27.82%	31.31%	29.69%	24.87%	26.63%
IDAHO	28.10%	28.93%	26.58%	41.92%	42.56%	41.89%	41.65%	49.21%
ILLINOIS	41.80%	41.63%	41.86%		31.35%	31.37%	32.23%	31.98%
INDIANA	32.50%_	31.52%	31.99%	31.87%	38.78%	32.91%	35.37%	36.51%
IOWA	39.10%	39.31%	32.41%	30.81%		42.49%	43.60%	48.25%
KANSAS	43.80%	44.31%	47.07%	42.42%	43.10%	45.20%	45.49%	46.53%
KENTUCKY	45.80%	44.40%		47.13%	46.14%		63.20%	68.43%
LOUISIANA	66.80%	60.04%		63.66%	70.96%	59.09%	39.51%	40.42%
MAINE	37.10%	32.71%	32.09%	38.42%	37.92%	37,72%	41.54%	39.96%
MARYLAND	41.00%	44.33%	41.52%		40.61%			38.91%
MASSACHUSETTS	40.10%	40.07%	38.55%				<del></del>	32.40%
MICHIGAN	32.10%	31.67%	29.72%		32.57%			44.10%
MINNESOTA	43.80%	43.58%		42.17%				
MISSISSIPPPI	37.50%	36.24%		36.08%				38.61%
	44.90%	43.03%		44.60%				45.77%
MISSOURI	51.40%	51.13%			51.17%			
NEBRASKA	41.10%	40.52%			39.63%	38.54%		
NEVADA	39.20%	38.33%			38.33%	38.14%	39.08%	
NEW JERSEY		51.14%				43.38%	54.92%	
NEW MEXICO	55.30%	52.66%					51.31%	50.04%
NEW YORK	50.30%		_				35.15%	37.72%
NORTH CAROLINA	40.10%	37.42%	<del></del>					41.95%
NORTH DAKOTA	43.20%	46.42%			<del></del>			43.73%
OHIO	43.00%	39.97%						49.99%
OKLAHOMA	51.80%	50.32%			_ — — —			
PENNSYLVANIA	39.00%	38.949						
RHODE ISLAND	49.20%	49.719						
SOUTH CAROLINA	32.80%	31.66%		6 33.519				
SOUTH DAKOTA	51.70%	50.819						
TENNESSEE	34.80%	34.859						+
TEXAS	47.70%	52.269						_ +
UTAH	34.40%	35.109	% 36.67°	% 33.05°				
VERMONT	39.50%	38.589	% 31.72°	% 30.30°				
VIRGINIA	34.90%		% 34.59°					
WASHINGTON	57.50%							
WEST VIRGINIA	28.40%							
WISCONSIN	39.70%	<del></del>		% 40.96				
WYOMING	53.60%				% 54.40	% 41.11	%   41.04°	% 51.74%
W Y OWING	55.0070					% 40.51	% 41.00	% 42.17%
Mean	42.27%		% 41.08					
Median SOURCE: Calcu	41.10%	40.52	% 41.27	%   41.40	% 40.57	70 33.17	/0   71.04	

SOURCE: Calculated from Phillips et al. (2011 and earlier); U. S. Bureau of Census, Governments Division (various years).

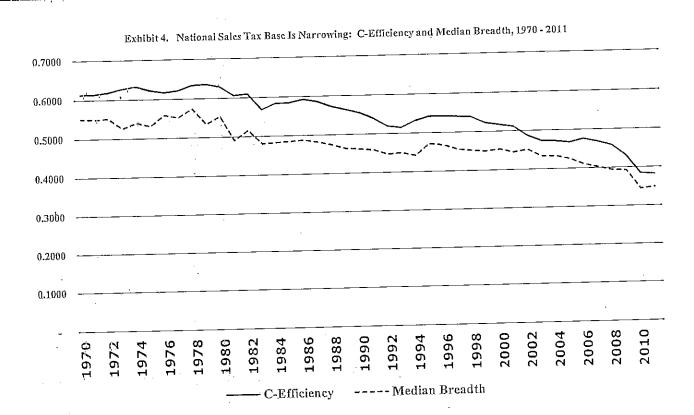
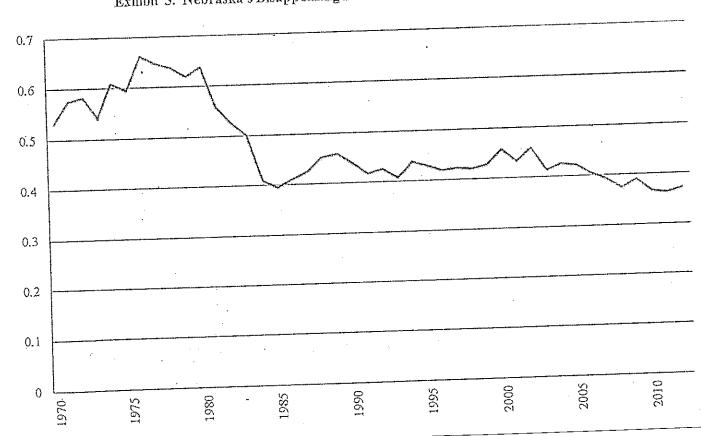
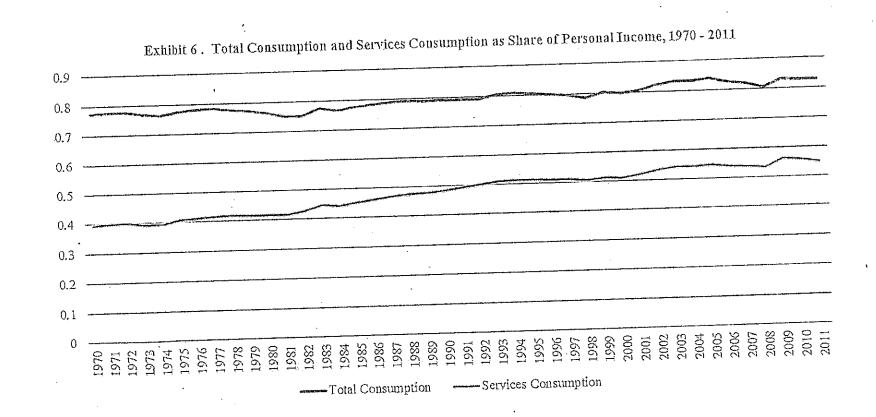


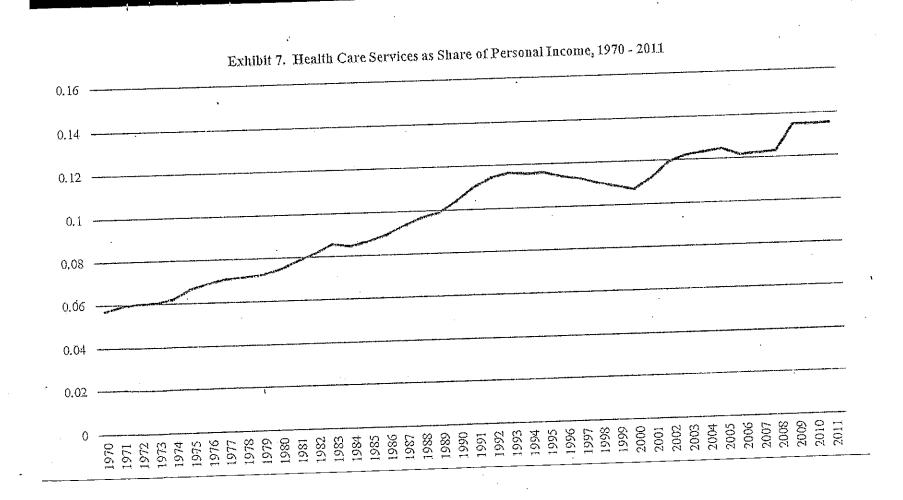
Exhibit 5. Nebraska's Disappearing Sales Tax Base (Base/Personal Income)



# Consumption Share of Personal Income Relatively Stable, Services Share Has Increased Considerably



## Health Care is significant factor in increase in services share



## But Share from Other Services Has Increased As Well

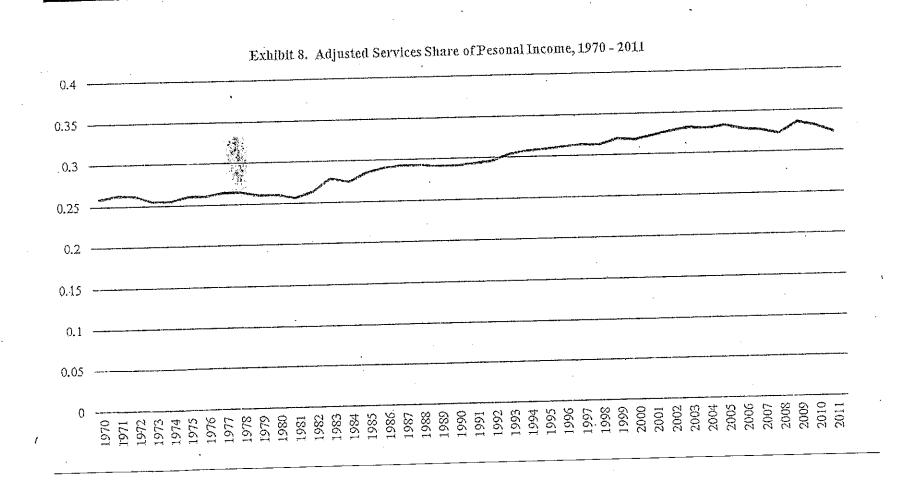


Exhibit 9 Statutory State Sales Tax Rates (January 1)

Exhibit 9 St	atutory Su	tie sames r	ax Ivavos (						
N	umber of S	tates Levy	3% ·	2% N	โคลก	Nebraska			
Year	8%	7%	6%	5%	4%		5	3.528	2
1970			1	5	15	19	2	3.806	2.5
1975			2	5	20	16		3.925	_
1980	1	. 1	2	6	18	17	1		
1985		1	6	14	15	9		4.558	
1990	1		10	15	15	. 4		4.865	-
1995	•	2.	15	13	13	2		5.156	_
		2.	. 14	14	13	2		5.156	
2000		3	18	11	12		1	5.351	
2005		6	. 18	9	11		1	5.538	
2010		· ·	21	6	12		1	5.548	3 5.5
2013		2	21	O		÷			

Note: This table does not include local option sales taxes in any state.

Exhibit 10 State Retail Sales Tax Collections, Fiscal 2012

		Adjusted Retail Sales Tax Revenue (SK)	: Adjusted Retail Sales a	Adjusted Rei Fax per Capita po Rate	tail Sales Tax er 1% Tax	Rank	Adjusted Retail Revenue to Stat Income	Sales Tax te Personal Rank	Ta	djusted Retail Sales ax Revenue Share of ax Revenue	Rank	Breadth (Base / Personal Income)	Ran!	Statu k Rate		liance
State	(SK)	Veterine fair)	k 3k						40	0,2679	33	0.3	529	26	0.04	0,2679
11.1	9,052,880	2,425,079	502	.92	125.73			•	12	0,4537	7		783	19	0.066	0.4537
Alabama	12,973,265	5,886,586	898	.27	136.10					0,3390			573	7	0.06	0.3390
Arizona	8,287,744	2,809,416		.63	158.7			0.0274	8 31	0,2539			2668	38	0.0625	0,2539
Arkansas	112,372,263	28,536,238		),14	120,0			*****	45	0,2246			3391	27	0.029	0.2246
California	10,250,628			3.82	153.0			0,0098	27	0,2438			1799	35	0.0635	0.2438
Colorado	15,419,556			5,94	164.8			0.0178	13	0.5880			1150	11	0.06	0.5880
Connecticut	32,997,017			4.46	167.4	-	8	0.0249	38	0.3199		_	3625	24	0,04	0.3199
Florida	16,576,903			4.63	133.6			0.0145	1	0.4671			0508	1	0.04	0.4671
Georgia	5,516,146			0,39	462,6	_	1	0,0420	18	0,3625			3790	18	0.06	0,3629
Hawali	3,374,30			7.46	127.9			0,0227	41	0,220			2228	45	0,0625	0.2205
ldaho	36,437,80			4,02	99.8		15	0.0139		0.421			3921	14	0.07	0.4217
Illinois	15,704,68			2.94	144.7	-	20	0.0274	7 24	0.309		•	3119	33	0.06	0,3094
Indiana	7,832,38			8,23	131.3		31	0.0187		0,380			3715	21	0,063	0,3809
lowa	7,418,34		_	9,20	155.4		15	0.0234	15 19	0,330			3767	20	0,06	0.3312
Kansas	10,472,86			1.95	131.5	-	29	0.0226	35	0.313		•	.3881	15	0.04	0,3131
Kentucky	8,994,05			1.90	152.		17	0.0155	22	0,281			.4056	12	0.05	0.2818
Louisiana	3,777,13			00.74	160.		13	0.0203		0,275			.2566	41	0.06	0.2759
Maine	17,064,46		_	0.22	133.		28	0.0154	37				.2317	44	0.0625	0.2308
Maryland	22,805,64		_	91.86	126.		35	0.0145	39		-		,4302	9	0,06	0.3991
Massachusetts	23,968,76		_	57,86	161.		11	0.0258	11				,3218	31	0.06875	0.2675
Michigan	20,560,54	5 500 55		22.60	148.		18	0.0221	20	_	_		.4446	8	0.07	0.4418
Minnesota	6,953,30			29.25	147.		19	0.0311	5				,3124	32	0,04225	0.2873
Mississippi	10,800,7		_	15.35	121.		38	0.0132	42				3713	22	0,055	0.3751
Missouri	4,358,3			81.02	160	.19	12	0.0204	21				.4863	6	0,0685	0.5068
Nebraska	6,775,1			44.67	181	70	6	0.0333	4			-	0,2434	43	0.07	0.2950
Nevada	27,456,1	•		13.70	130	.53	32	0.0170	29		-		0,5615	5	0.05125	0.4137
New Jersey	5,088,3			09.44	196		5	0.0288	6		-		0,2736	37	0.04	0.1559
New Mexico	71,545,7			70.09	142	.52	22	0.0109	43				0.3248	30	0,0475	0.2454
New York	22,713,3			571.54	. 120	.32	39	0,0154	36				0.6917	3	0.05	0.2234
North Carolina	5,620,0			794,64	358	.93	3	0.0346	3				0,3316	29	0.055	0.3191
North Dakota	25,924,0			716.61	130	.29	33	0,0182	25				0.3608	25	0.045	0.2737
Ohio	, ,			633,31		.74	23	0,0162	33				0,2744	36	0.06	0.2782
Oklahoma	8,826,1 32,949,9	- 1 ***		718.21		7.70	41	0.0165	32				0,2538	42	0.07	0.2992
Pennsylvania	32,949,5 2,805,3			799.22	114	1.17	42	0.0178	21	·			0,3032	34	0.06	0.3665
Rhode Island	2,803,. 8,036,			623.46		1.91	44	0.0182	20				0.5760	4	0.04	0,5509
South Carolina	8,030, 1,521,			005,86	25	1.47	4	0.0230		9 0.5		-	0.3825	16	0.07	0.5435
South Dakota	11,982,		_	008,69	14	4.10	21	0.0268		0 0.5		2	0.4154	10	0.062	0.5774
Tennessee	48,596,		_	076.78	-	2,29	7	0,0260	2	-	196	21	0.3999	13	0.04	0.3196
Texas	5,809,			650,38		8.38	24	0,0188	3	-	538	45 .	0.2625	39	0,0	5 0,1538
Utah	2,757,			677.28		2,38	43	0.0158		•	229	42	0,2623	40	0.0	4 0,2229
Vermont	18,137,			493,89		3.47	37	0,0105			246	9	0.3676	2.3	0.06	5 0.4246
Virginia	17,624	300		085.02		6.93	9	0.0239			733	32	0.3813	17	0.0	6 0.2733
Washington	5,355			788.84		1,47	30	0,0229			625	35	0.3336	28	0.0	5 0.2625
West Virginia				676.09	13	5,22	26	0.0167			897	13	0.8859	2	0.0	4 0.3897
Wisconsin	14,747	271		724.75	43	1.19	2 .	0.0354		2 0.3	,					
Wyoming	2,550	,771	•-				•			0.7	367		0,3887			0.3367
				870.03	16	1,62		0.0210			3131		0,3676			0.3131
Mean				799,22	14	10.74		0.0188		0.3	121					
Median																

SOURCE: U. S. Bureau of Census, Governments Division fate Trix Collections in 2012 [www.census.gov] with adjustments and corrections; U. S. Bureau of Economic Analysis; and U. S. Bureau of Census.